

JAN 14 1982

Material Safety Data Sheet

NUMBER

378

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-005-4)

| SECTION I IDENTIFICATION OF PRODUCT | | | |
|-------------------------------------|--|---|-----------|
| MANUFACTURER'S NAME | | AMERICAN CYANAMID COMPANY | |
| | | EMERGENCY TELEPHONE NO. (201) 835-3100 | |
| ADDRESS | | Old Post Road, Havre de Grace, Maryland 21078 | |
| TRADE NAME AND SYNONYMS | | HT*-424 Adhesive Film | |
| CHEMICAL NAME AND SYNONYMS | | Mixture of resins and powdered metal. | |
| CHEMICAL FAMILY | | MOLECULAR FORMULA | (Mixture) |
| | | | |

| SECTION II HAZARDOUS COMPONENTS OF MIXTURES | | |
|--|---|-------------------------------|
| COMPONENT | % | THRESHOLD LIMIT VALUE (UNITS) |
| No TLV has been established for any component of this mixture. | | |

| SECTION III PHYSICAL DATA | | | |
|------------------------------------|---|--------------------------------------|----------------|
| APPEARANCE AND ODOR | Grayish-green, tacky film; slight, phenolic odor. | | |
| BOILING POINT (DEGREES FAHRENHEIT) | Not applicable | SPECIFIC GRAVITY (WATER = 1) | About 1.5 |
| VAPOR PRESSURE (MM. OF MERCURY) | Not applicable | PERCENT VOLATILE (BY VOLUME) | About 5 |
| VAPOR DENSITY (AIR = 1) | Not applicable | EVAPORATION RATE (BUTYL ACETATE = 1) | Not applicable |
| SOLUBILITY IN WATER | Negligible | EVAPORATION RATE (ETHYL ETHER = 1) | Not applicable |

| SECTION IV FIRE AND EXPLOSION HAZARD DATA | | | |
|---|---|--------------------------------------|-------------------------------|
| FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT) | Not applicable | FLAMMABLE LIMITS (PERCENT BY VOLUME) | LOWER UPPER Not applicable |
| FIRE-EXTINGUISHING MEDIA | CO ₂ , dry chemical, or water. | | |
| SPECIAL FIRE-FIGHTING PROCEDURES | None | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | None | | |

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READ THE BACK

| SECTION V HEALTH HAZARD DATA | |
|------------------------------------|--|
| THRESHOLD LIMIT VALUE | See Section II. |
| EFFECTS OF OVEREXPOSURE | Prolonged or repeated contact may cause skin irritation. |
| EMERGENCY AND FIRST AID PROCEDURES | In case of contact, immediately wash skin with soap and plenty of water. |

| SECTION VI REACTIVITY DATA | | | |
|--|----------------|---|---|
| STABILITY | UNSTABLE | X | CONDITIONS TO AVOID Unstable only from a useful working-life standpoint. Material is warranted for 6 months when stored at 0 F. |
| | STABLE | | |
| INCOMPATIBILITY (Materials to avoid) Thermal decomposition may produce carbon monoxide and/or carbon dioxide. | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | X | CONDITIONS TO AVOID <div style="text-align: right;">None</div> |
| | WILL NOT OCCUR | | |

| SECTION VII SPILL OR LEAK PROCEDURES | |
|---|--|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | Scrape up and reclaim or place in a waste disposal container. Wash area with water and detergent. |
| WASTE DISPOSAL METHOD | Disposal must be made in accordance with federal, state and local regulations. |

| SECTION VIII SPECIAL PROTECTION INFORMATION | | | |
|---|----------------------|----------------|----------------|
| RESPIRATORY PROTECTION (Specify type) Not required | | | |
| VENTILATION | LOCAL EXHAUST | Not required | SPECIAL |
| | MECHANICAL (General) | Not required | OTHER |
| PROTECTIVE GLOVES | | Not required | EYE PROTECTION |
| OTHER PROTECTIVE EQUIPMENT | | Not required | |
| | | Safety goggles | |

| SECTION IX SPECIAL PRECAUTIONS | |
|---|------|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | None |
| OTHER PRECAUTIONS | None |

| SECTION X DATE AND SOURCE OF INFORMATION | | |
|--|---|---|
| DATE Revised November 30, 1976 | NAME AND TITLE C. Boyd Shaffer, Ph.D. Director of Toxicology | SHEET NUMBER <div style="text-align: right; font-size: 1.2em;">378</div> |